

# इंटरनेट

# मानक

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“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 10539 (1983): Sickie Terminal Device for Artificial Limbs [MHD 10: Medical Laboratory Instruments]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”



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**AMENDMENT NO. 1 JANUARY 1993  
TO  
IS 10539 : 1983 SPECIFICATION FOR SICKLE  
TERMINAL DEVICE FOR ARTIFICIAL LIMBS**

*( Page 1, Fig. 1 ) :*

- a) *( Height of the sickle )* — Substitute '75 to 80' for ' $72 \pm 2$ '.
- b) *( Length of the thread )* — Substitute '15 to 20' for '20 max'.

( MHD 10 )

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Reprography Unit, BIS, New Delhi, India

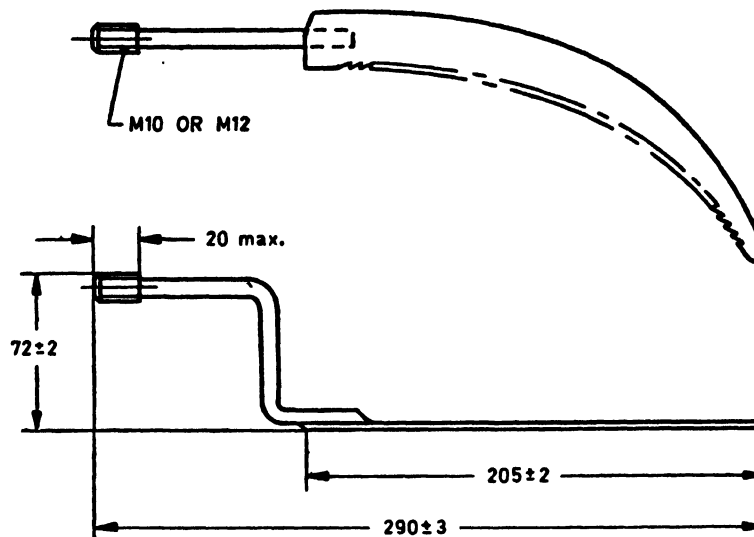


Indian Standard

# SPECIFICATION FOR SICKLE TERMINAL DEVICE FOR ARTIFICIAL LIMBS

**1. Scope** — Specifies dimensional and other requirements for sickle terminal device for artificial limbs.

**2. Shape and Dimensions** — As shown in Fig. 1.



All dimensions in millimetres.

FIG. 1 SICKLE, TERMINAL DEVICE, TYPICAL

**2.1** The device may be made in one piece or as composite construction in three pieces.

**2.2** Shape and size of the sickle may vary as agreed to between the purchaser and the manufacturer except that of the interchangeable dimensions of screw thread.

**3. Material** — High carbon steel conforming to Designation 30 C8 or 45 C8 of IS : 1875-1978 'Carbon steel billets, blooms, slabs and bars for forgings (fourth revision)'.

## 4. Workmanship and Finish

**4.1** The device shall be forged to the given shape.

**4.2** All surfaces shall be finished smooth and shall be free from sharp edges, nicks and projections, except the cutting edge.

**4.3** The teeth of the cutting edge shall be sharp, clean and free from burrs, projections, etc.

**4.4** When made as composite construction, welded or brazed joints shall be dressed smooth.

**4.5** The complete assembly after finishing shall be given phosphated finish.

**5. Marking** — The device shall be marked with the manufacturers name, initials or recognized trade-mark.

**5.1 ISI Certification Marking** — Details available with the Indian Standards Institution.

**6. Packing** — The device shall be packed in polyethylene bag individually. The overall packing for multiple numbers may be as agreed to between the purchaser and the manufacturer.

Adopted 18 March 1983

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